FIG.1

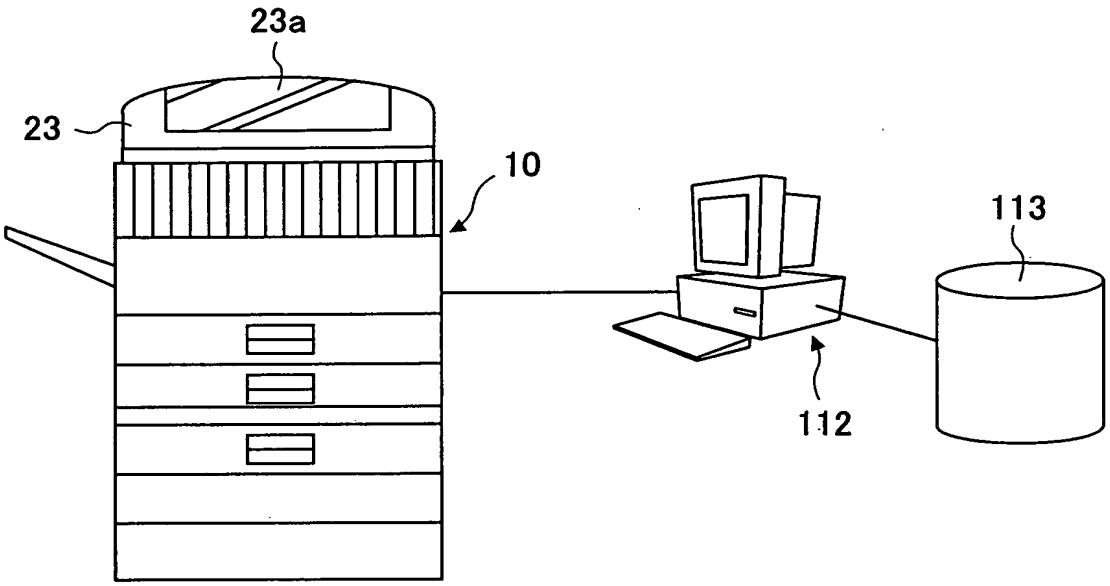


FIG.2

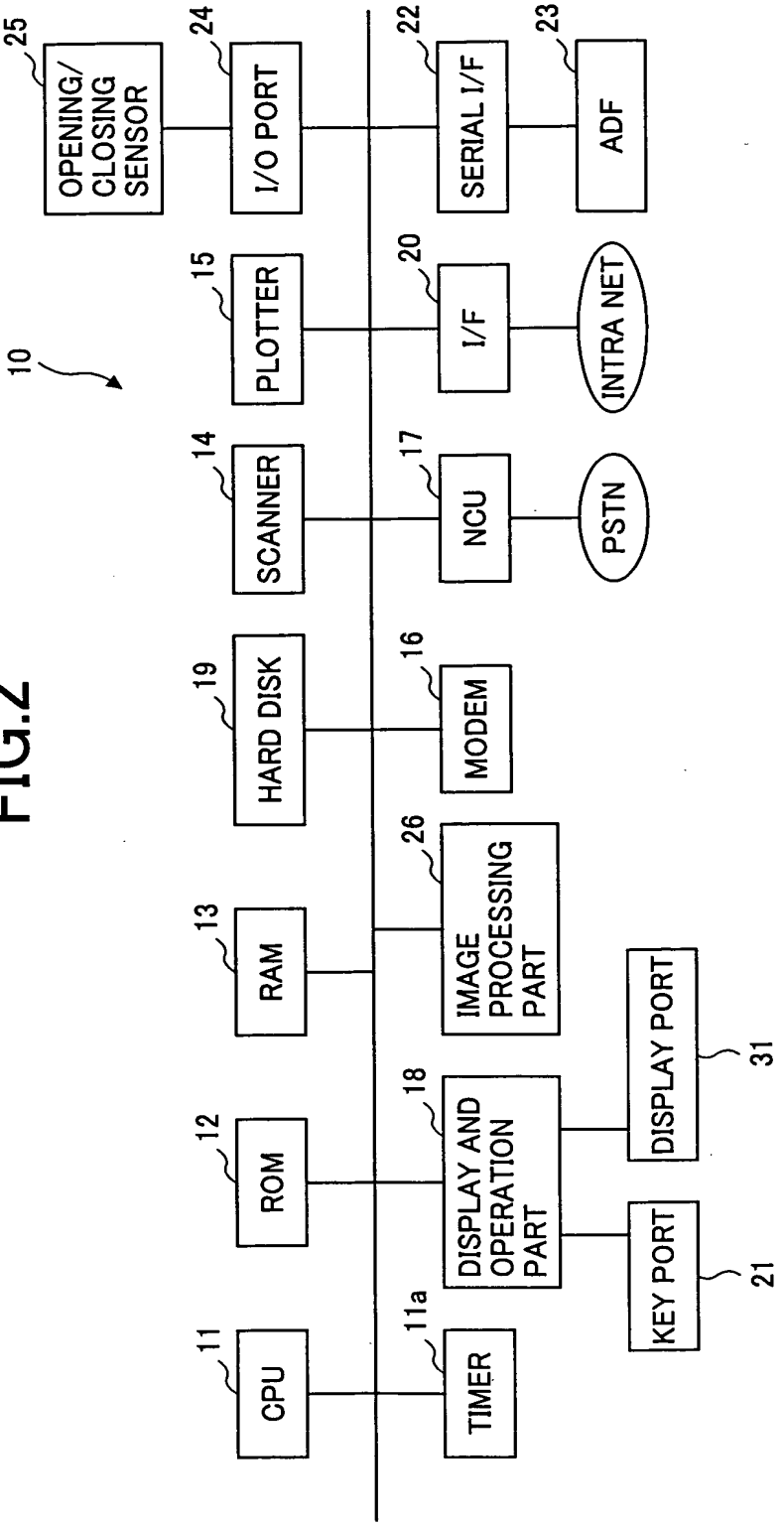

10
CPU
11
ROM
12
RAM
13
SCANNER
14
PLOTTER
15
HARD DISK
19
I/F
20
MODEM
16
NCU
17
INTRA NET
PSTN
IMAGE PROCESSING PART
26
TIMER
11a
DISPLAY AND OPERATION PART
18
KEY PORT
21
DISPLAY PORT
31
I/O PORT
24
SERIAL I/F
22
ADF
23
OPENING/ CLOSING SENSOR
25

FIG.3

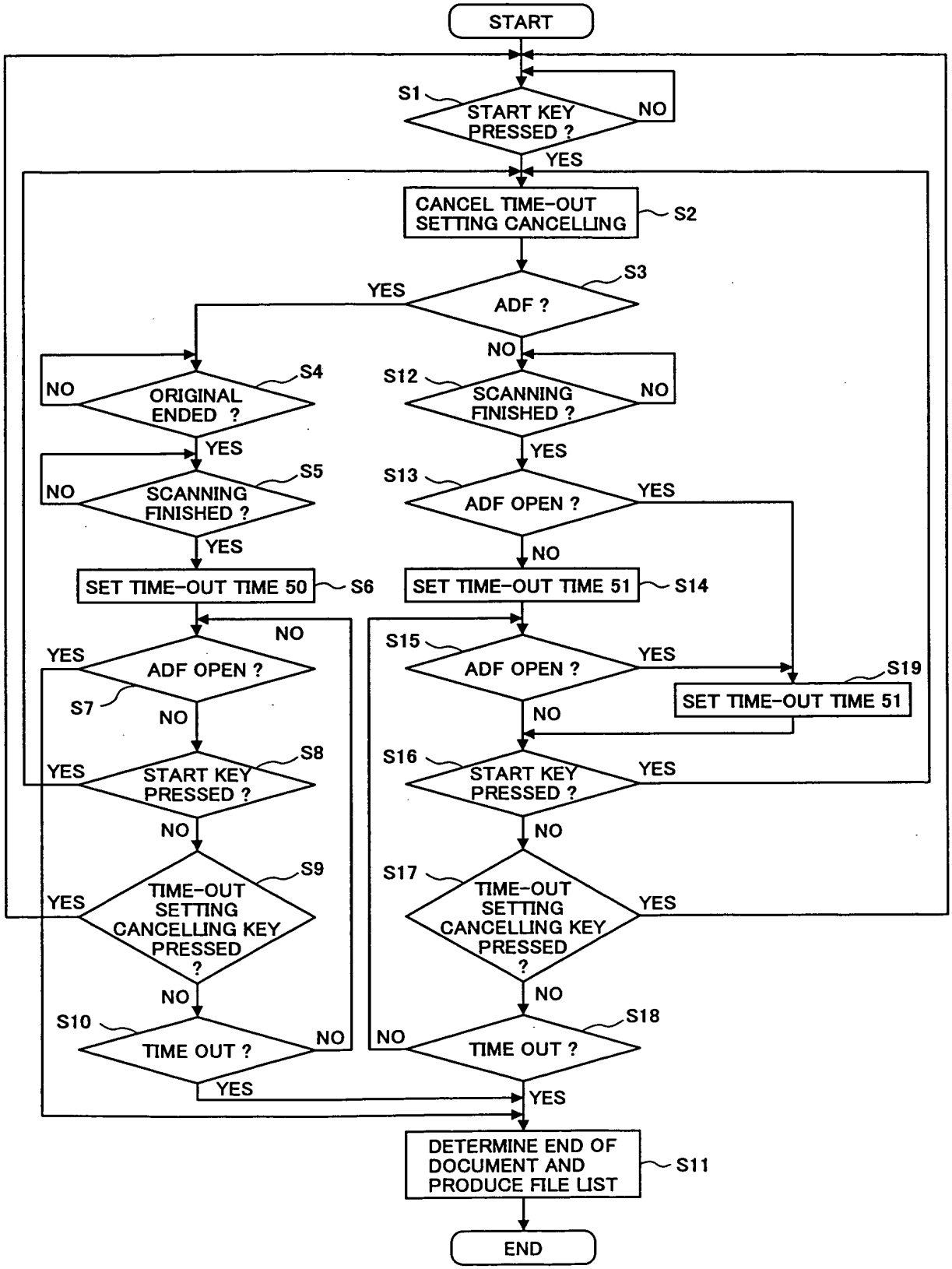

START
S1
START KEY PRESSED ?
NO
YES
CANCEL TIME-OUT SETTING CANCELLING
S2
S3
YES
ADF ?
NO
S4
NO
ORIGINAL ENDED ?
YES
S5
NO
SCANNING FINISHED ?
YES
SET TIME-OUT TIME 50
S6
NO
YES
ADF OPEN ?
S7
NO
S8
YES
START KEY PRESSED ?
NO
S9
YES
TIME-OUT SETTING CANCELLING KEY PRESSED ?
NO
S10
TIME OUT ?
NO
YES
S12
SCANNING FINISHED ?
NO
YES
S13
ADF OPEN ?
YES
NO
SET TIME-OUT TIME 51
S14
S15
ADF OPEN ?
YES
S19
SET TIME-OUT TIME 51
NO
S16
START KEY PRESSED ?
YES
NO
S17
TIME-OUT SETTING CANCELLING KEY PRESSED ?
YES
NO
S18
NO
TIME OUT ?
YES
YES
DETERMINE END OF DOCUMENT AND PRODUCE FILE LIST
S11
END

FIG.4

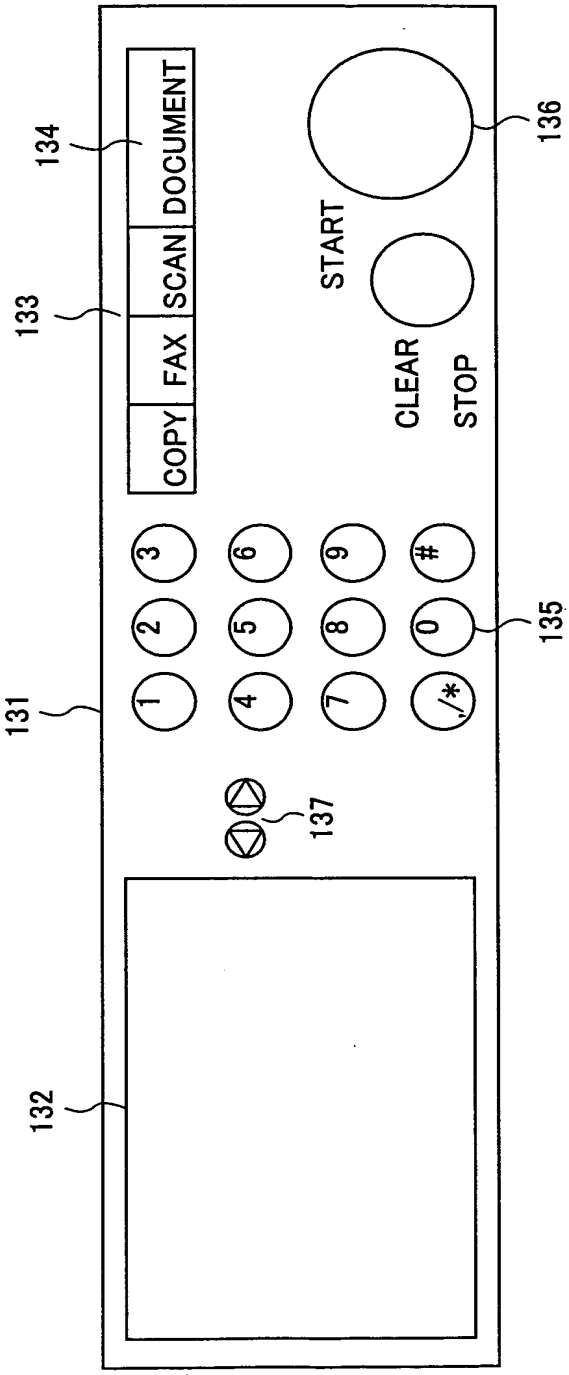

131
132
133
134
135
136
137
COPY
FAX
SCAN
DOCUMENT
START
CLEAR
STOP
1
2
3
4
5
6
7
8
9
0
#
/*

FIG.5

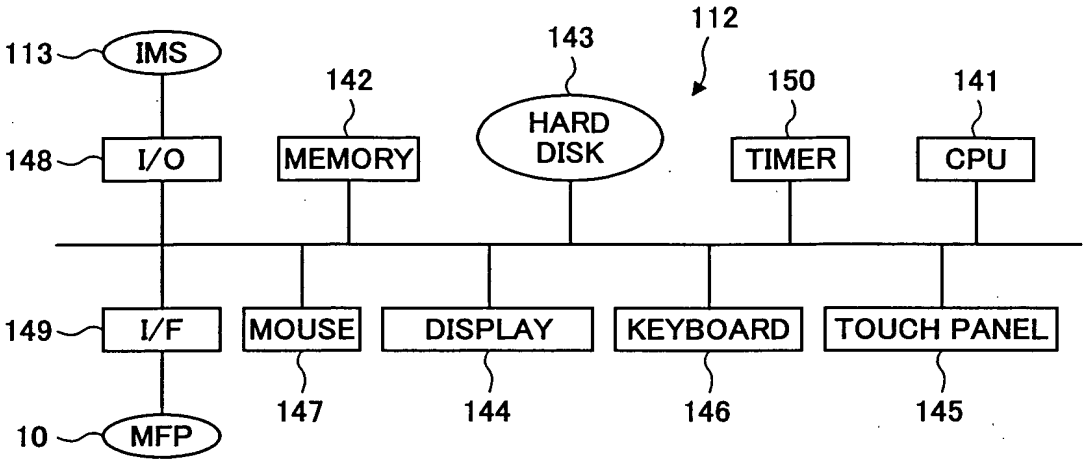

113
IMS
148
I/O
142
MEMORY
143
HARD DISK
112
150
TIMER
141
CPU
149
I/F
MOUSE
DISPLAY
KEYBOARD
TOUCH PANEL
10
MFP
147
144
146
145

FIG.6

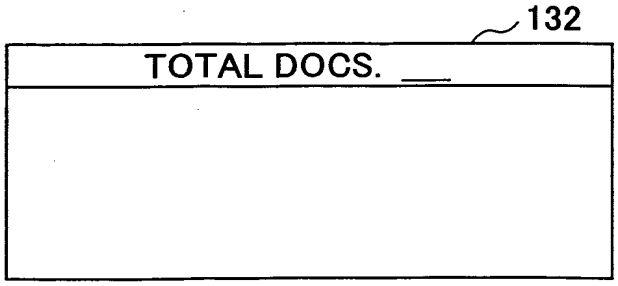

132
TOTAL DOCS. ___

FIG.7

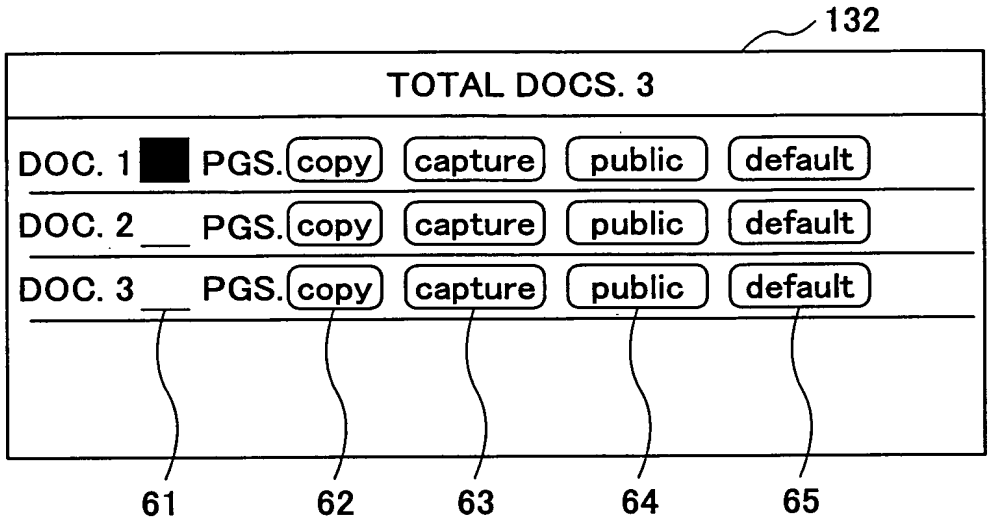

132
TOTAL DOCS. 3
DOC. 1 PGS.
DOC. 2 PGS.
DOC. 3 PGS.
copy
capture
public
default
61
62
63
64
65

FIG.8

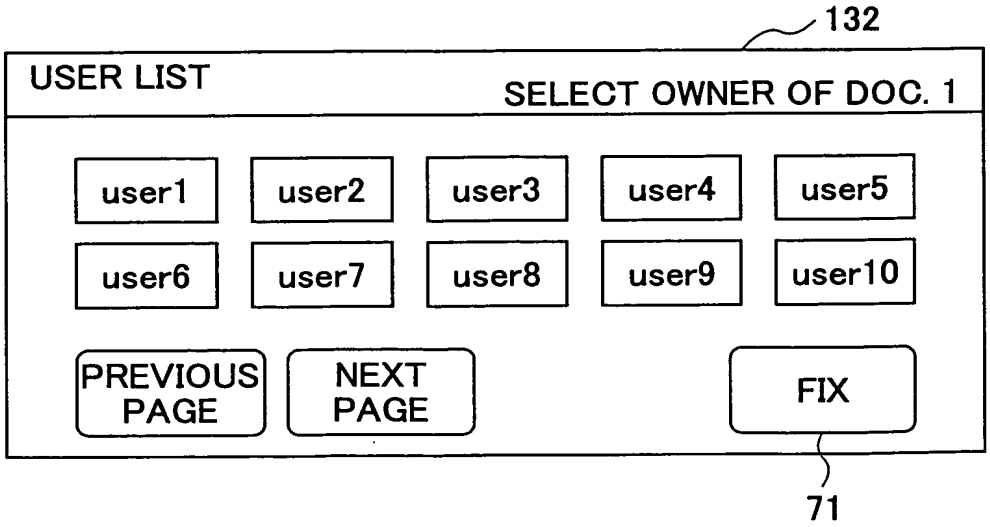

132
USER LIST
SELECT OWNER OF DOC. 1
user1
user2
user3
user4
user5
user6
user7
user8
user9
user10
PREVIOUS PAGE
NEXT PAGE
FIX
71

FIG.9

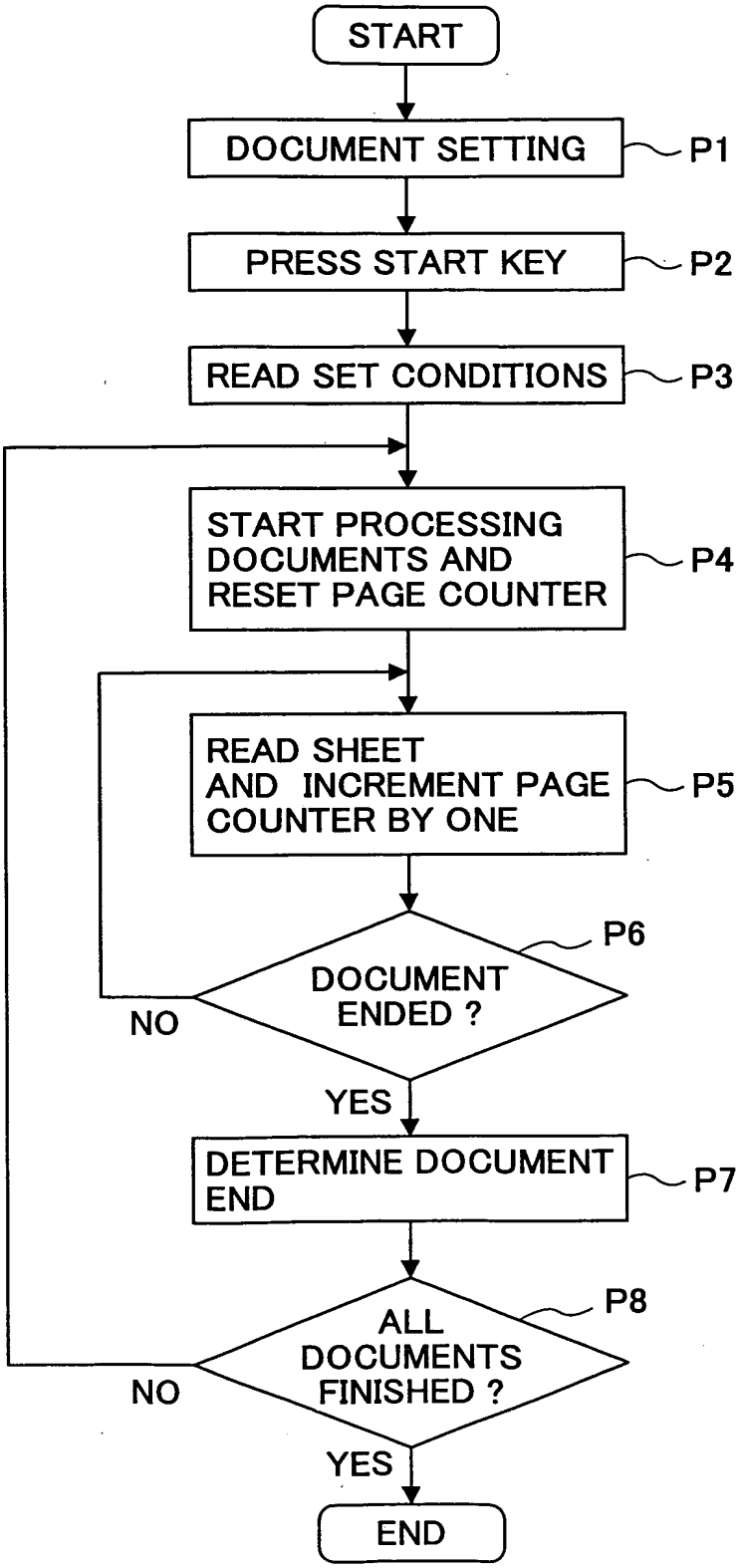

START
DOCUMENT SETTING
P1
PRESS START KEY
P2
READ SET CONDITIONS
P3
START PROCESSING DOCUMENTS AND RESET PAGE COUNTER
P4
READ SHEET AND INCREMENT PAGE COUNTER BY ONE
P5
DOCUMENT ENDED ?
P6
NO
YES
DETERMINE DOCUMENT END
P7
ALL DOCUMENTS FINISHED ?
P8
NO
YES
END

FIG.10

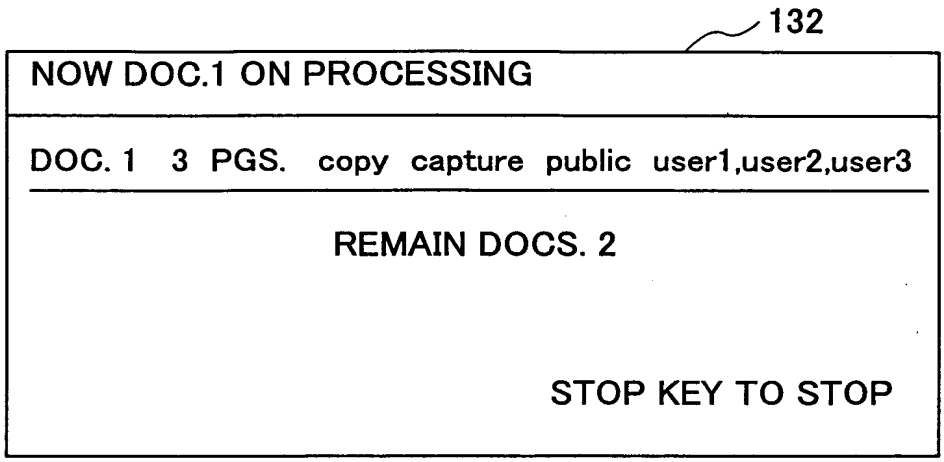

132
NOW DOC.1 ON PROCESSING
DOC. 1 3 PGS. copy capture public user1,user2,user3
REMAIN DOCS. 2
STOP KEY TO STOP

FIG.11

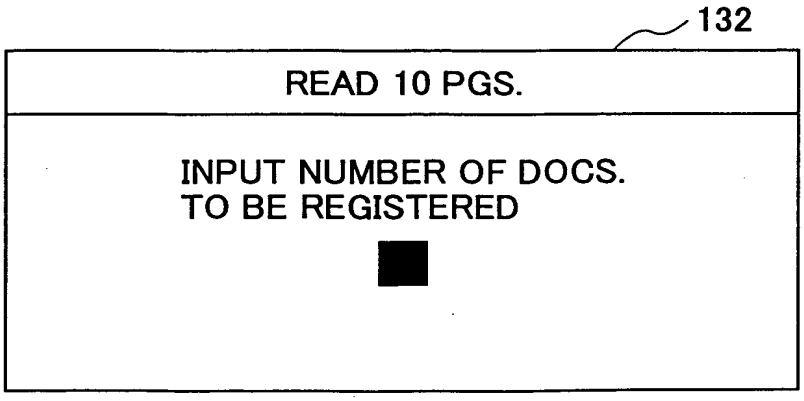

132
READ 10 PGS.
INPUT NUMBER OF DOCS.
TO BE REGISTERED

FIG.12

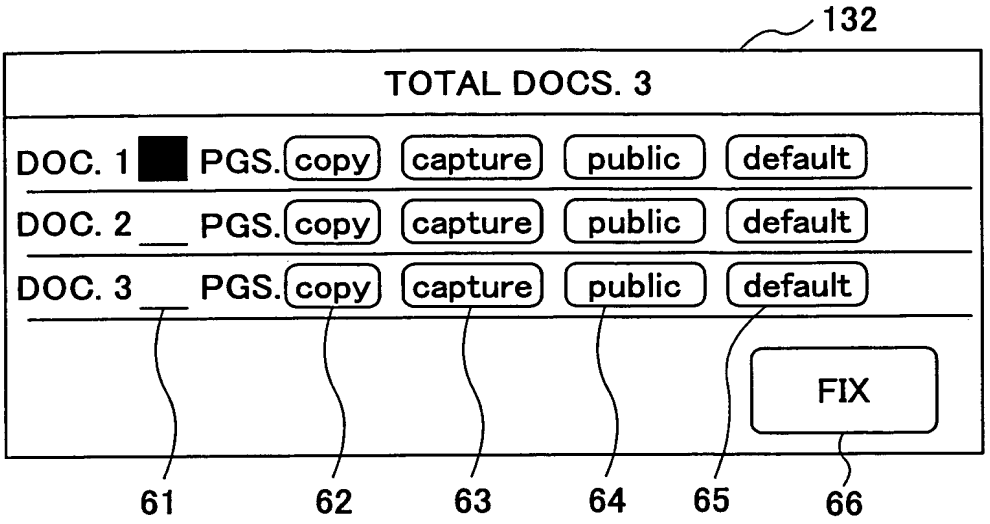

132
TOTAL DOCS. 3
DOC. 1 PGS. copy capture public default
DOC. 2 PGS. copy capture public default
DOC. 3 PGS. copy capture public default
FIX
61
62
63
64
65
66

FIG.13

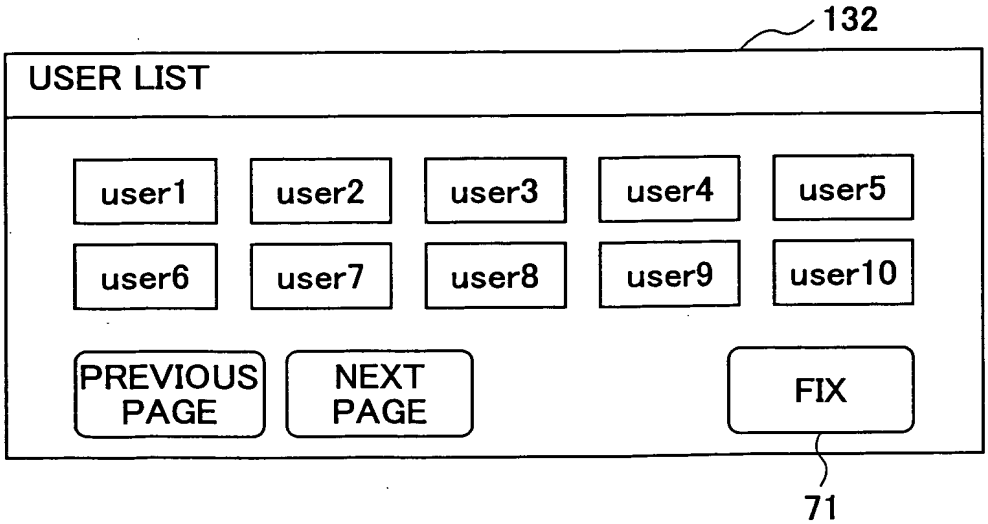
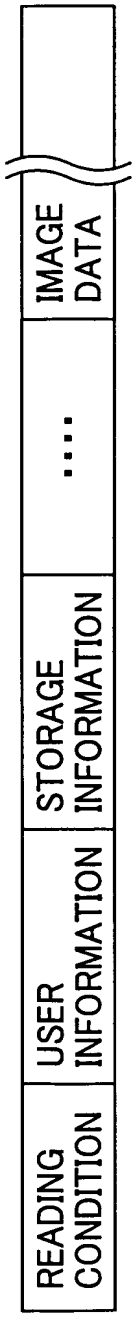

132
USER LIST
user1
user2
user3
user4
user5
user6
user7
user8
user9
user10
PREVIOUS PAGE
NEXT PAGE
FIX
71

FIG.14


READING CONDITION
USER INFORMATION
STORAGE INFORMATION
....
IMAGE DATA